

**Pesticide Usage**  
**Agricultural Chemical Applications on Upland Cotton, Rice, and Soybeans:**  
**Louisiana, 2000**

| Agricultural<br>Chemical    | Planted<br>Acres | Area<br>Applied | Applications | Rate per<br>Application   | Rate per<br>Crop Year | Total<br>Applied |
|-----------------------------|------------------|-----------------|--------------|---------------------------|-----------------------|------------------|
|                             | 1,000<br>710     | Percent         | Number       | -----Pounds per Acre----- |                       | 1,000 lbs.       |
| <b><u>Upland Cotton</u></b> |                  |                 |              |                           |                       |                  |
| <b>Herbicides</b>           |                  |                 |              |                           |                       |                  |
| Clethodim                   |                  | 16              | 1.0          | 0.17                      | 0.18                  | 20               |
| Cyanazine                   |                  | 18              | 1.0          | 0.75                      | 0.78                  | 100              |
| Diuron                      |                  | 55              | 1.2          | 0.46                      | 0.58                  | 228              |
| Fluazifop-P-butyl           |                  | 1               | 1.6          | 0.13                      | 0.22                  | 2                |
| Fluometuron                 |                  | 46              | 1.6          | 0.45                      | 0.74                  | 239              |
| Glyphosate                  |                  | 44              | 2.1          | 0.67                      | 1.44                  | 449              |
| MSMA                        |                  | 43              | 1.6          | 0.89                      | 1.43                  | 439              |
| Metolachlor                 |                  | 8               | 1.0          | 0.91                      | 0.92                  | 51               |
| Norflurazon                 |                  | 10              | 1.0          | 0.29                      | 0.30                  | 21               |
| Pendimethalin               |                  | 14              | 1.0          | 0.64                      | 0.64                  | 63               |
| Prometryn                   |                  | 22              | 1.4          | 0.54                      | 0.79                  | 120              |
| Pyriithiobac-sodium         |                  | 23              | 1.2          | 0.05                      | 0.06                  | 10               |
| Trifluralin                 |                  | 11              | 1.0          | 0.66                      | 0.68                  | 54               |
| <b>Insecticides</b>         |                  |                 |              |                           |                       |                  |
| Acephate                    |                  | 41              | 1.7          | 0.35                      | 0.61                  | 177              |
| Aldicarb                    |                  | 33              | 1.1          | 0.52                      | 0.60                  | 140              |
| Carbofuran                  |                  | 11              | 1.0          | 0.34                      | 0.34                  | 26               |
| Cyfluthrin                  |                  | 13              | 1.8          | 0.03                      | 0.06                  | 6                |
| Cypermethrin                |                  | 20              | 1.3          | 0.07                      | 0.10                  | 14               |
| Dicrotophos                 |                  | 20              | 1.7          | 0.27                      | 0.48                  | 69               |
| Dimethoate                  |                  | 3               | 1.6          | 0.26                      | 0.43                  | 9                |
| Imidacloprid                |                  | 12              | 1.0          | 0.03                      | 0.03                  | 3                |
| Lambda-cyhalothrin          |                  | 19              | 2.1          | 0.02                      | 0.05                  | 7                |
| Malathion                   |                  | 77              | 8.6          | 0.87                      | 7.57                  | 4,155            |
| Methamidophos               |                  | 4               | 1.0          | 0.38                      | 0.38                  | 11               |
| Methyl parathion            |                  | 4               | 4.3          | 0.39                      | 1.68                  | 50               |
| Phorate                     |                  | 3               | 1.0          | 0.61                      | 0.65                  | 13               |
| Profenofos                  |                  | 2               | 1.5          | 0.86                      | 1.30                  | 19               |
| Spinosad                    |                  | 16              | 3.8          | 0.07                      | 0.28                  | 32               |
| Zeta-cypermethrin           |                  | 3               | 1.0          | 0.04                      | 0.04                  | 1                |
| <b>Fungicides</b>           |                  |                 |              |                           |                       |                  |
| Etridiazole                 |                  | 13              | 1.0          | 0.24                      | 0.24                  | 22               |
| Mefenoxam                   |                  | 8               | 1.0          | 0.03                      | 0.03                  | 2                |

**Agricultural Chemical Applications on Upland Cotton, Rice, and Soybeans:  
Louisiana, 2000 (continued)**

| Agricultural Chemical | Planted Acres | Area Applied | Applications    | Rate per Application      | Rate per Crop Year | Total Applied |
|-----------------------|---------------|--------------|-----------------|---------------------------|--------------------|---------------|
|                       | 1,000         | Percent      | Number          | -----Pounds per Acre----- |                    | 1,000 lbs.    |
|                       | 485           |              | <u>Rice</u>     |                           |                    |               |
| <b>Herbicides</b>     |               |              |                 |                           |                    |               |
| 2,4-D                 |               | 40           | 1.0             | 1.11                      | 1.11               | 213           |
| Bensulfuron-methyl    |               | 55           | 1.0             | 0.04                      | 0.04               | 11            |
| Glyphosate            |               | 5            | 1.0             | 1.00                      | 1.00               | 25            |
| Halosulfuron          |               | 6            | 1.0             | 0.02                      | 0.02               | 1             |
| Molinate              |               | 30           | 1.1             | 2.19                      | 2.55               | 368           |
| Propanil              |               | 27           | 1.2             | 2.46                      | 3.14               | 404           |
| Quinclorac            |               | 42           | 1.0             | 0.13                      | 0.13               | 27            |
| <b>Insecticides</b>   |               |              |                 |                           |                    |               |
| Methyl parathion      |               | 16           | 1.8             | 0.59                      | 1.09               | 87            |
| <b>Fungicides</b>     |               |              |                 |                           |                    |               |
| Azoxystrobin          |               | 38           | 1.1             | 0.15                      | 0.17               | 32            |
|                       | 930           |              | <u>Soybeans</u> |                           |                    |               |
| <b>Herbicides</b>     |               |              |                 |                           |                    |               |
| Acifluorfen           |               | 4            | 1.0             | 0.20                      | 0.22               | 8             |
| Bentazon              |               | 2            | 1.1             | 0.29                      | 0.33               | 7             |
| Chlorimuron-ethyl     |               | 19           | 1.4             | 0.01                      | 0.02               | 3             |
| Clethodim             |               | 3            | 1.0             | 0.13                      | 0.13               | 3             |
| Clomazone             |               | 2            | 1.0             | 0.65                      | 0.65               | 13            |
| Fluazifop-P-butyl     |               | 3            | 1.4             | 0.06                      | 0.09               | 2             |
| Glyphosate            |               | 76           | 1.6             | 0.67                      | 1.11               | 787           |
| Imazaquin             |               | 20           | 1.0             | 0.05                      | 0.05               | 9             |
| Metolachlor           |               | 3            | 1.0             | 1.64                      | 1.64               | 47            |
| Metribuzin            |               | 2            | 1.0             | 0.26                      | 0.26               | 5             |
| Sulfentrazone         |               | 9            | 1.0             | 0.14                      | 0.14               | 12            |
| Sulfosate             |               | 3            | 1.1             | 1.62                      | 1.90               | 46            |
| <b>Insecticides</b>   |               |              |                 |                           |                    |               |
| Lambda-cyhalothrin    |               | 11           | 1.0             | 0.02                      | 0.02               | 2             |
| Spinosad              |               | 5            | 1.0             | 0.04                      | 0.04               | 2             |
| Thiodicarb            |               | 6            | 1.0             | 0.47                      | 0.47               | 28            |